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Dina Plunkett

PATENT  
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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Richard T. DEAN et al.                      Art Unit: 1811  
Serial No.: 08/236,402                                      Examiner: Davenport  
Filed : 02 May 1994  
Title : TECHNETIUM-99m LABELED IMAGING AGENTS      **RECEIVED**  
APR 15 1998

Assistant Commissioner for Patents  
Washington, DC 20231  
MATRIX CUSTOMER  
SERVICE CENTER

AMENDMENT UNDER 37 C.F.R. § 1.111 AND  
REQUEST FOR INTERFERENCE UNDER 37 C.F.R. § 1.607

In response to the Office Action of 3 March 1998,  
kindly amend the above-identified application as follows:

In the Claims:

Cancel claims 25 through 33, inclusive.

Add the following new claims 34 through 37:

--34.      A peptide comprising

a biological-function domain which causes the  
peptide to localize at a target site, and

a metal ion-binding domain which comprises  
the sequence Gly-Gly-Z or Gly-Gly-Gly-Z  
wherein Z is selected from the group  
consisting of cysteine, homocysteine,  
isocysteine, penicillamine, 2-  
mercaptoethylamine, 3-mercaptopropylamine and  
D-stereoisomers thereof.--

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